



RESEARCH NOTE NC-175

NORTH CENTRAL FOREST EXPERIMENT STATION, FOREST SERVICE—U.S. DEPARTMENT OF AGRICULTURE

Folwell Avenue, St. Paul, Minnesota 55101

1974

PULPWOOD PRODUCTION IN THE LAKE STATES BY COUNTY, 1973

James E. Blyth, *Principal Market Analyst*, and
Jerold T. Hahn, *Mensurationist*

ABSTRACT.--This 28th annual report shows 1973 pulpwood production by county and species group in Michigan, Minnesota, and Wisconsin. Lake States pulpwood production rose to 4.7 million cords in 1973 from 4.3 million cords in 1972.

OXFORD: 861.0(77):792. **KEY WORDS:** residue, Minnesota, Wisconsin, Michigan.

Lake States pulpwood production rose to 4.7 million cords in 1973 from 4.3 million cords in 1972 (table 1). Production advanced 221,000 cords in Wisconsin, 185,000 cords in Michigan, and 23,000 cords in Minnesota.

Nine out of 10 cords were harvested by Lake States loggers; the remainder was mill residue such as slabs, veneer cores, and chips from these materials.

In 1972 only 8 percent of the Lake States pulpwood was mill residue. Most sawmills erected since 1970 in the Lake States are selling their chippable wood residue to pulpmills. In addition, several sawmills have been purchased or built in the Lake States by pulp manufacturing firms during the last 3 years.

Nearly all (94 percent) of the additional pulpwood output above the 1972 level was in hardwoods. Major gains were in aspen (+134,000 cords), miscellaneous hardwoods (+129,000 cords), and in hardwood residue (+92,000 cords). Pine harvesting fell 50,000 cords below the 1972 level, the only important decline.

Significant production increases occurred in western Upper Michigan and northeastern and northwestern Wisconsin. Top-producing counties were Iron, Baraga, and Delta in Michigan; Oneida, Price, and Bayfield in Wisconsin; and St. Louis, Koochiching, and Itasca in Minnesota.

Pulpmills using Lake States timber in 1973 reported their pulpwood receipts by State, county, and species groups. Their cooperation is gratefully acknowledged. Thanks are also due to Al Boelter, Michigan Department of Natural Resources, for collecting the data from pulpmills in Michigan.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1973
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
MICHIGAN

UNIT AND COUNTY	1/ ALL SPECIES	2/ ASPEN	3/ BALSAW	4/ BIRCH	5/ HFW- LOCK	6/ PINE	7/ SPRUCE	8/ T&W- SPACK	9/ MISC. HOWDS.	10/ CEDAR	11/ RESIDUES
E. UPPER PENINSULA											
ALGER	454	50	28	38	29	112	10	3	184	0	
CHIPPEWA	280	40	22	15	23	91	12	3	73	0	
DELTA	932	226	110	46	39	161	122	4	224	0	
LUCK	391	24	14	21	41	138	27	4	102	0	
MACKINAC	164	21	14	12	9	39	6	1	62	0	
MENOMINEE	722	458	97	11	20	6	45	3	82	0	
SCHOOLCRAFT	701	115	100	42	54	126	57	6	201	0	
TOTAL	3995	934	405	186	215	673	279	24	928	0	351
W. UPPER PENINSULA											
BARAGA	999	395	15	60	73	77	19	6	334	0	
DICKINSON	889	580	19	25	20	38	44	4	138	0	
GOGEBIC	404	156	20	3	108	9	5	1	102	0	
HOUGHTON	323	150	12	6	20	13	4	1	117	0	
IRON	1040	540	81	22	39	38	54	4	262	0	
Keweenaw	6	X	2	X	X	0	2	0	2	0	
MAPQUITT	812	204	67	38	74	173	53	9	194	0	
ONTONAGON	360	226	8	5	27	8	3	1	82	0	
TOTAL	5632	2251	264	160	361	356	184	26	1231	0	799
N. LOWER PENINSULA											
ALCONA	461	295	1	31	0	7	X	0	127	0	
ALPENA	170	82	9	24	0	25	1	0	29	0	
ANTHROP	14	11	0	1	0	1	0	0	1	0	
ARENA	2	1	0	0	0	0	0	0	1	0	
HENEF	112	63	0	4	0	0	0	0	45	0	
CHEBOYGAN	133	60	1	25	0	21	X	0	26	0	
CLARE	174	121	0	10	0	15	0	0	28	0	
CRAWFORD	151	11	0	0	0	138	0	0	2	0	
GLADWIN	18	11	0	1	0	5	0	0	1	0	
GRAND TRAVERSE	132	102	0	11	0	2	0	0	17	0	
IOSCO	155	4	0	0	0	151	0	0	X	0	
ISABELLA	3	3	0	0	0	0	0	0	X	0	
KALKASKA	118	60	0	5	0	38	0	0	15	0	
LAK	368	101	0	6	0	52	0	0	209	0	
LEFLANAH	27	21	0	1	0	0	0	0	5	0	
MANISTEE	316	168	0	11	0	13	0	0	124	0	
MASON	159	76	0	7	0	1	0	0	75	0	
MECOSTA	209	153	0	2	0	23	0	0	31	0	
MIDLAND	0	X	0	0	0	0	0	0	0	0	
MISSAUKKEE	103	75	0	6	0	5	0	0	17	0	
MONTMORENCY	410	166	2	21	0	110	X	0	111	0	
NEWAYGO	301	157	0	3	0	33	0	0	108	0	
OCFANA	91	52	0	1	0	10	0	0	28	0	
OGEMAW	108	49	0	8	0	32	0	0	19	0	
OSCEOLA	260	158	0	2	0	3	0	0	97	0	
OSCODA	474	294	1	28	0	66	X	0	85	0	
OTSAGO	9	3	0	0	0	3	0	0	3	0	
PRESQUE ISLE	167	92	2	30	0	3	X	0	40	0	
ROSCOMMON	516	303	0	6	0	54	0	0	153	0	
WEXFORD	186	59	0	5	0	70	0	0	52	0	
TOTAL	5560	2751	16	249	0	881	1	0	1449	0	213
S. LOWER PENINSULA											
ALLEGAN	8	3	0	0	0	0	0	0	5	0	
BARRY	2	0	0	0	0	0	0	0	2	0	
BERRIEN	0	0	0	0	0	0	0	0	X	0	
CASS	11	0	0	0	0	10	0	0	1	0	
GRATIOT	7	5	0	0	0	X	0	0	2	0	
IONIA	1	1	0	0	0	0	0	0	X	0	
KALAMAZOO	4	3	0	0	0	0	0	0	1	0	
KENT	2	X	0	0	0	1	0	0	1	0	
LENAWEE	0	0	0	0	0	0	0	0	X	0	
MONTICALE	94	73	0	0	0	3	0	0	18	0	
MUSKEGON	99	7	0	0	0	78	0	0	14	0	
OAKLAND	0	0	0	0	0	0	0	0	X	0	
OTTAWA	34	X	0	0	0	33	0	0	1	0	
SAGINAW	0	X	0	0	0	0	0	0	X	0	
SANILAC	0	X	0	0	0	0	0	0	X	0	
VAN RUDEN	6	5	0	0	0	0	0	0	1	0	
TOTAL	672	97	0	0	0	125	0	0	46	0	404
STATE TOTAL	15859	6033	685	595	576	2035	466	50	3654	0	1767

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1973.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
X=LESS THAN 50 CORDS.

(CONTINUED ON NEXT PAGE)

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1973
(HUNDRED STANDARD CORDS, PUGHWOOD BASIS)
MINNESOTA

UNIT AND COUNTY	1/ ALL SPECIES	ASPEN	PALEMAN	BIRCH	YEM- LOCK	PINE	SPRUCE	TAM- ARACK	MISC. HOWDS.	CEDAR	2/ RESIDUES
NORTHEASTERN											
CARLTON	464	379	5	47	0	22	6	X	5	0	
COOK	292	20	9	0	0	48	200	0	15	0	
LAKE	772	262	4	28	0	277	201	X	0	0	
PINE	153	135	X	4	0	14	X	0	0	0	
ST. LOUIS	3597	2047	113	87	0	774	419	39	118	0	
TOTAL	5457	2843	131	166	0	1135	826	39	138	0	179
CENTRAL PINE											
AITKIN	304	217	6	24	0	9	16	32	0	0	
BECKER	16	2	2	0	0	11	1	0	0	0	
BELTRAMI	945	514	92	75	0	124	122	14	4	0	
CASS	517	295	9	42	0	142	13	16	0	0	
CLEARWATER	312	225	1	8	0	27	30	21	0	0	
CROW WING	144	51	X	4	0	89	0	9	0	0	
HUBBARD	400	283	3	2	0	101	2	9	0	0	
ITASCA	1219	612	167	79	0	118	172	65	6	0	
WADSWORTH	65	8	0	0	0	57	0	0	0	0	
TOTAL	4468	2207	280	234	0	678	356	157	10	0	546
RAINY RIVER											
KOOCHICHIING	2773	1362	241	12	0	133	763	104	158	0	
LAKE OF THE WOODS	256	52	2	0	0	31	160	3	8	0	
TOTAL	3155	1414	243	12	0	164	923	107	166	0	126
SOUTHEASTERN											
HENNEPIN	5	0	0	0	0	0	0	0	5	0	
KANABEC	21	21	0	0	0	0	0	0	0	0	
MILLE LACS	198	173	0	7	0	0	X	8	10	0	
MORRISON	57	44	0	2	0	11	0	0	0	0	
TODD	3	0	0	0	0	3	0	0	0	0	
WABASHA	12	0	0	0	0	0	0	0	12	0	
WINONA	19	0	0	0	0	0	0	0	19	0	
TOTAL	528	238	0	9	0	14	0	8	46	0	213
WESTERN PRAIRIE											
MAHONKEN	7	4	0	0	0	0	0	3	0	0	
POLK	31	0	0	0	0	1	23	7	0	0	
ROSEAU	105	19	1	0	0	58	25	2	0	0	
TOTAL	143	23	1	0	0	59	48	12	0	0	18
STATE TOTAL	13769	6725	655	421	0	2050	2153	323	360	0	1082

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1973.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
X=LESS THAN 50 CORDS.

(CONTINUED ON NEXT PAGE)

WISCONSIN

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PILLOWWOOD IN 1973.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
3/ INCLUDES MENOMINIE COUNTY.
EXLESS THAN 50 CORDS.